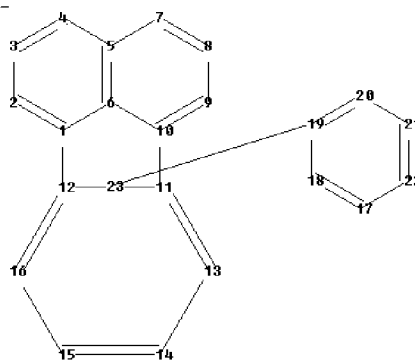
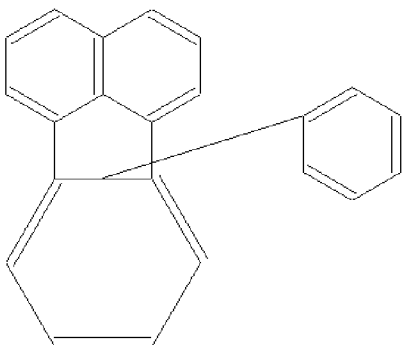


10/550,873 /BAC/

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FILE 'REGISTRY' ENTERED AT 20:34:14 ON 24 JUN 2008



ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

ring bonds :

1-2 1-6 1-12 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 10-11 11-12 11-13
12-16 13-14 14-15 15-16 17-18 17-22 18-19 19-20 20-21 21-22

normalized bonds :

1-2 1-6 1-12 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 10-11 11-12 11-13
12-16 13-14 14-15 15-16 17-18 17-22 18-19 19-20 20-21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom
22:Atom 23:Atom

L1 STRUCTURE UPLOADED

=> screen 2043

L2 SCREEN CREATED

=> s l1 and l2 sss sam

L3 0 SEA SSS SAM L1 AND L2

=> s 11 and 12 sss ful

L4 2 SEA SSS FUL L1 AND L2

=> dis scan l4

L4 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

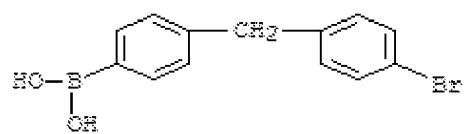
IN Boronic acid, B-(7-bromo-9,9-dioctyl-9H-fluoren-2-yl)-, polymer with
5,15-bis(4-bromophenyl)-10,20-diphenylbisbenz[5,6]indeno[1,2,3-cd:1',2',3'-
lm]perylene, B-[4-[(4-bromophenyl)methyl]phenyl]boronic acid and

B-[4-[(4-bromophenyl)phenylamino]phenyl]boronic acid

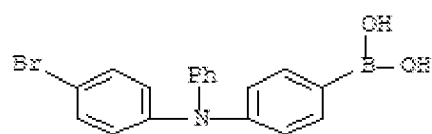
MF (C₆₄ H₃₄ Br₂ . C₂₉ H₄₂ B Br O₂ . C₁₈ H₁₅ B Br N O₂ . C₁₃ H₁₂ B Br O₂)_x

CI PMS

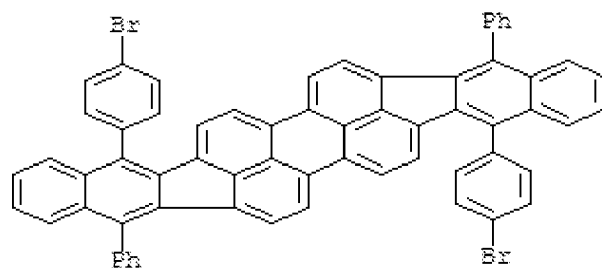
CM 1



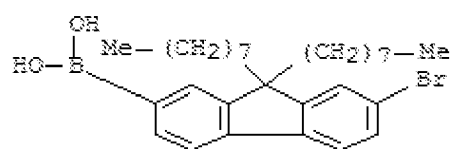
CM 2



CM 3



CM 4



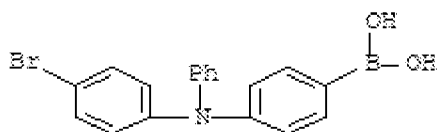
L4 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Boronic acid, B-(7-bromo-9,9-dioctyl-9H-fluoren-2-yl)-, polymer with
5,15-bis(4-bromophenyl)-10,20-diphenylbisbenz[5,6]indeno[1,2,3-cd:1',2',3'-
lm]perylene and B-[4-[(4-bromophenyl)phenylamino]phenyl]boronic acid

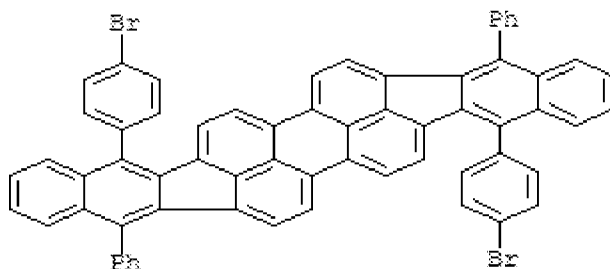
MF (C64 H34 Br2 . C29 H42 B Br O2 . C18 H15 B Br N O2)x

CI PMS

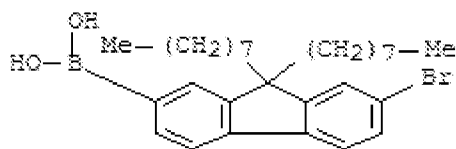
CM 1



CM 2



CM 3



=> s l4

FILE 'HCAPLUS'

L5 1 L4

FILE 'USPATFULL'

L6 1 L4

TOTAL FOR ALL FILES

L7 2 L4

=> dis l5 bib ab hit

L5 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:1092849 HCAPLUS <<LOGINID::20080624>>

DN 147:416081

TI Compound for organic electroluminescence and organic electroluminescent device

IN Fujita, Tetsuji

PA Seiko Epson Corporation, Japan

SO U.S. Pat. Appl. Publ., 25pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
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PI	US 20070221915		A1	20070927	US 2007-684263	20070309
	JP 2007254687		A	20071004	JP 2006-84406	20060327
	KR 2007096930		A	20071002	KR 2007-28994	20070326
	EP 1840182		A2	20071003	EP 2007-6146	20070326
	EP 1840182		A3	20071024		

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
AL, BA, HR, MK, YU

PRAI JP 2006-84406 A 20060327

AB A compound for organic EL is described comprising a polymer mol. having mols. shown in the following general formulas 5,10,15,20-

Tetraphenylbisbenz[5,6]indeno[1,2,3-cd:1',2',3'-lm]perylene (175606-05-0),
NPh₃, 9,9-diRR-fluorene, PhCH₂Ph, PHR1 as constituent units where R is an
alkyl group, an aryl group, or an alkylaryl group, where R1 is hydrogen,
an alkyl group, or an alkylaryl group. An organic electroluminescent device
comprising the compound is also described.

IT 950903-71-6P 950903-74-9P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material)

use); PREP (Preparation); USES (Uses)
(electroluminescent material; polymer compound for organic
electroluminescence and organic electroluminescent device)

=> d l6 bib ab

L6 ANSWER 1 OF 1 USPATFULL on STN

AN 2007:253986 USPATFULL <<LOGINID::20080624>>

TI COMPOUND FOR ORGANIC ELECTROLUMINESCENCE AND ORGANIC
ELECTROLUMINESCENT
DEVICE

IN FUJITA, Tetsuji, Chino-shi, JAPAN

PA SEIKO EPSON CORPORATION, Tokyo, JAPAN (non-U.S. corporation)

PI US 20070221915 A1 20070927

AI US 2007-684263 A1 20070309 (11)

PRAI JP 2006-84406 20060327

DT Utility

FS APPLICATION

LREP OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VA, 22320, US

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN 11 Drawing Page(s)

LN.CNT 956

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound for organic EL includes a polymer molecule having molecules
shown in the following Formulae 1 to 5 as constituent units

##STR1##

where R is an alkyl group, an aryl group, or an alkylaryl group,

##STR2##

where R' is hydrogen, an alkyl group, or an alkylaryl group.